

**AUXILIARY LINE CIRCUITS
PREPAYMENT COIN SERVICE
OPERATION TEST
USING TEST SET SD-90469-02 (J94710A)
STEP-BY-STEP SYSTEMS**

1. GENERAL

1.01 This section describes a method of testing auxiliary line circuits in step-by-step offices using the SD-90469-02 (J94710A) test set.

1.02 This section is reissued to delete testing information for coin control connectors. Since this reissue covers a general revision arrows ordinarily used to indicate changes have been omitted.

1.03 This test checks for operator coin control operation when the auxiliary line circuit is used with prepayment coin subscriber lines.

1.04 Local instructions should be followed with reference to recording any register operations caused by performing these tests.

1.05 All keys, jacks and lamps referred to are located at the test set unless otherwise specified.

1.06 The tests should preferably be made during periods of light traffic.

1.07 Lettered Steps: The letters a, b, c, etc., are added to a step number to indicate that the steps cover an action which may or may not be required, depending on local conditions. The conditions under which a lettered step or series of steps should be made are given in the action column, all the steps governed by the same letter. When a condition does not apply, the associated steps should be omitted.

2. APPARATUS

2.01 Test set, J94710A (SD-90469-02).

2.02 Test telephone set - 52A Head Telephone set (for use with the J94710A test set).

2.03 Patching cord - P3E cord, 6 feet long (3P6D cord) equipped with two No. 310 plugs (or equivalent) (for connecting battery and ground to test set).

2.04 Testing cord - W3A cord, 12 feet long, equipped with a No. 310 plug and three KS-6780 clips (3W3A cord) (for connecting the T jack to tip, ring and sleeve of the auxiliary line circuit).

3. PREPARATION

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
1	Connect BAT G jack to frame battery supply jack <u>Note:</u> Connect cord to test set first and, when disconnecting, remove from test set last	
2	Connect test telephone set to TEL jack and operate TRS key	

4. METHOD

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
3	Connect T jack to T, R, S terminals of auxiliary line circuit C.D.F. block	If BSY lamp is lighted disconnect or wait until lamp is extinguished

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
4a	If trunk is arranged for dial tone before coin deposit - Operate DL ST, CBT LP keys	Dial tone heard
5a	Operate CN key	
6b	If trunk is arranged for dial tone after coin deposit - Operate DL ST, CBT LP keys	No dial tone heard
7b	Operate CN key	Dial tone heard
8	Dial operator code ()	Operator answers Dial tone removed, REV lamp lighted CR lamp lighted for 1/2 sec.
9	Request operator to establish the necessary connections and apply coin return current	CR lamp flashes at 1/2 sec. intervals
10	Restore CN key	CR lamp extinguished
11	Operate FL key	Operator disconnects REV lamp extinguished
12	When testing is completed restore keys Disconnect testing cords	